

# CURRICULUM VITAE

## MADELEINE KNOETZE

### PERSONAL

**Profession:** Senior Environmental Assessment Practitioner, Sharples Environmental Services cc, Cape Town (EAPASA Reg Nr: 2021/3230).

**Nationality:** South African

**Date of Birth:** 18 May 1992

**Languages:** English & Afrikaans (read, write and speak) – Fluent

**Marital Status:** Single

**Drivers' License:** Code B

**Health:** Excellent

### WORK EXPERIENCE

**October 2022 – Present:** Sharples Environmental Services cc, Cape Town, WC  
Environmental Assessment Practitioner

- Basic Assessments Reports;
- Environmental Impact Assessments;
- Environmental Management Programmes;
- Legislative documentation;
- Administration.

**February 2015 – September 2022:** Exigent Engineering Consultants CC: Environmental Assessment Practitioner and GIS Specialist

- Management and compilation of GIS database;
- Layout/map creation;
- Basic Assessment Applications
- Water Use License Applications
- Environmental Monitoring/Auditing
- Stakeholder Engagement
- Reporting
- Environmental Management Plans
- Public /Contractor Awareness Training
- Biodiversity Offset Plans
- Rehabilitation and Protected Areas
- Project Management
- Ecological Impact Assessments
- Wetland Impact Assessments
- Rehabilitation and Monitoring Plans
- Alien invasive Management Plans
- Administration

<b>TERTIARY EDUCATION</b>
<b>2014: Nelson Mandela Metropolitan Municipality</b> <ul style="list-style-type: none"> <li>▪ Bachelor of Science Degree specialising in Environmental Sciences.</li> </ul>

**Key projects Involved with**

<b>Project</b>	<b>Province</b>	<b>Aspects involved in</b>
<b>Sharple Environmental Services cc</b>		
Proposed construction of a reservoir located within the Koeberg Nuclear Power Station.	Western Cape	Environmental consulting for the purpose of obtaining Environmental Authorisation.
Environmental Impact Assessment Consultant for the proposed Hercules Solar PV Cluster - <i>ongoing</i>	Western Cape	Environmental Impact Assessment Consulting and report (Scoping) compilation
The proposed truck stop and associated infrastructure on Erf 56 and 57, Mossdustria - <i>ongoing</i>	Western Cape	Environmental Impact Assessment consulting and compilation of Environmental Management Programme
Proposed Phase 4 and Phase 5 mixed use developments.	Western Cape	Compilation of Environmental Management Programme
Existing activities occurring on portion 40 of the Farm Diepe Kloof No. 226.	Western Cape	Compilation of Rehabilitation Plan
Proposed Garden Route Dam Mixed Use Development, George	Western Cape	Water Use Licencing Appellant brief documentation.
<b>Exigent Engineering Consultants cc</b>		
<b>Solely NEMA related projects</b>		
<b>EIA Applications</b>		
Installation of a Diesel Generator at the Existing Mhlathuze Transfer Pump Station, Richards Bay.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report (BAR)
The proposed services station and associated infrastructure on Erf 3961, Empangeni,	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a BAR
The proposed Thermal Energy Power Plant and associated infrastructure development in Richards Bay.	KwaZulu-Natal	All Mapping and data management for the project
		Compilation of the EIA in the form of a Scoping report.
The proposed Good Hope 1 and 2 photovoltaic power plants located near Dealesville, Free State.	Free State	All Mapping and data management for the project
		Compilation of the EIA in the form of a BAR
Proposed Development of a Sewer Line for the Proposed Sammy Marks Township, City of Tshwane.	Gauteng	All Mapping and data management for the project
		Completion of the EIA in the form of a BAR
Proposed external infrastructure Blue Hills housing development, City of Joburg and City of Tshwane	Gauteng	All Mapping and data management for the project
		Compilation of the EIA in the form of a BAR
The Proposed Construction of The External Services for the Proposed Housing Development on a Part (Portion 1) Of Driefontein 146-lr,	Gauteng	All Mapping and data management for the project
		Compilation of the EIA in the form of a Scoping report and EIA

<b>Project</b>	<b>Province</b>	<b>Aspects involved in</b>
Construction of the Proposed Residential Development on Holding 194 of Erand Agricultural Holdings and Portion 1687 (A Portion of Portion 9) of the Farm Randjesfontein No.405-Jr, City of Johannesburg.	Gauteng	All Mapping and data management for the project
		Compilation of the EIA in the form of a BAR
The proposed Filling Station on Erf 425 and Erf 426 in Pienaarsriver, Bela-Bela Local Municipality.	Limpopo	All Mapping and data management for the project
		Compilation of the EIA in the form of a BAR
The proposed Spitskop photovoltaic power plant located near Northam.	Limpopo	All Mapping and data management for the project
		Assistance with the EIA process in the form of Scoping.
<b>Amendment Applications</b>		
Part 2 Amendment: The proposed Blue Hills housing development located in the City of Johannesburg.	Gauteng	Compilation of application documents and mapping
Amendments to the proposed Northgate Mixed Use Development in North Riding, City of Johannesburg.	Gauteng	Compilation of application documents and mapping
Part 2 Amendment: The proposed Sammy Marks Mixed Use Development, City of Tshwane.	Gauteng	Compilation of application documents and mapping
<b>Solely NWA related projects</b>		
Proposed upgrade of rural roads for the City of uMhlathuze: Phase 3 – Mzingazi Village, Richards Bay,	KwaZulu-Natal	All Mapping and data management for the project
		General Authorisation Motivation in terms of the National Water Act.
Proposed upgrade of the Hammarsdale N3 Interchange	KwaZulu-Natal	All Mapping and data management for the project
		Water Use Licence Application Technical Reporting
<b>Multi-aspect projects</b>		
The Proposed Esikhaleni Mall: Road Safety Improvements: Upgrade of Mthombothi / Mdlebe Ntshona Intersection.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report
		General Authorisation Motivation in terms of the National Water Act
		Environmental Control Officer
Richards Bay Outfall Sewer Upgrade and Nkoninga pump station, Veld en Vlei.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report
		Compilation of the Water Use Licence Application, Rehabilit Documentation
		Rehabilitation Plan compilation
Upgrade of Water Supply Infrastructure for Khoza water supply area phase 1: Empangeni.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report

<b>Project</b>	<b>Province</b>	<b>Aspects involved in</b>
		General Authorisation Motivation in terms of the National Water Act
Proposed rural roads upgrade in Mandlazini – Phase 2, Richards Bay.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report
		General Authorisation Motivation in terms of the National Water Act.
Proposed upgrade of Melmoth Sanitation (Phase 3): Outfall Sewers and Waste Water Treatment Works, Melmoth	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report
Zamokuhle Trust Agricultural Development, Mkuze	KwaZulu-Natal	All mapping for the project
		Assisted in completing the EIA which was a complete Scoping and EIA project
		Environmental Control Officer
Proposed Ritchie Motors Double Lane Traffic Circle in Richards Bay Central.	KwaZulu-Natal	All Mapping and data management for the project
		Completion of the EIA in the form of a Basic Assessment Report
		General Authorisation Motivation in terms of the National Water Act.
		Rehabilitation Plan compilation
<b>Environmental Control Officer (only)</b>		
Re-establishment of the rural road P537, Esikhaleni	KwaZulu-Natal	Environmental Control Officer
Aquadene Housing development – Internal Infrastructure	KwaZulu-Natal	Environmental Control Officer
Bronberg X9 & X13 Housing development	Gauteng	Environmental Control Officer
Bronberg X32 Housing development – External services	Gauteng	Environmental Control Officer
Derdepoort Erf 452 – Housing development	Gauteng	Environmental Control Officer
Hoewe X321 Housing development – External services	Gauteng	Environmental Control Officer
Louwleria X56 and X57 – External services	Gauteng	Environmental Control Officer